IN THE CLAIMS

Please amend Claims 69, 70-76, and 78-81 and add Claims 85-103, to read as follows.[1]

69. (Amended) A display apparatus comprising:

an electron source plate, having a substrate and a plurality of electron-emitting devices arranged in a matrix of rows and columns on the substrate, said electron source plate also comprising a matrix configuration of row wires and column wires respectively corresponding to the rows and columns of the electron-emitting devices arranged in the matrix;

a fluorescent device plate having a fluorescent layer and an acceleration electrode;

a housing having a structure adapted for maintaining a vacuumized condition in a space between said electron source plate and said fluorescent device plate, at least a portion of said structure being formed by said electron source plate and said fluorescent device plate; and

a voltage applier disposed outside of the housing, and arranged for applying (1) a scan signal to the row wires, (2) a modulation signal to the column wires, and

[1] The claims amended herein are shown completely underlined, since they were previously added in this reissue application (see, e.g., MPEP § 1453). Applicants understand that it is not necessary to include a marked-up version of the amended claims on any separate pages, since this is a reissue application (see, e.g., 37 C.F.R. §§ 1.121(h) and 1.173(b)).

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(3) an acceleration voltage to the acceleration electrode to accelerate electrons emitted from the electron-emitting devices toward the fluorescent layer of said fluorescent device plate.

70. (Amended) The display apparatus of Claim 73, wherein the modulation signal is an information signal.

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71. (Amended) The display apparatus of Claim 73, wherein the modulation signal is applied simultaneously to scanned ones of the electron-emitting devices in synchronization with the scan signal.

72. (Amended) The display apparatus of Claim 73, wherein said fluorescent device plate comprises red, green, and blue fluorescent members.

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73. (Amended) A display apparatus comprising:

an electron source plate, having a substrate and a plurality of electron-emitting devices arranged in a matrix of rows and columns on the substrate, said electron source plate also comprising a matrix configuration of row wires and column wires respectively corresponding to the rows and columns of the electron-emitting devices arranged in the matrix;

a fluorescent device plate comprising a laminated layer having a fluorescent layer and an acceleration electrode;

a housing having a structure adapted for maintaining a vacuumized condition in a space between said electron source plate and said fluorescent device plate, at least a portion of said structure being formed by said electron source plate and said fluorescent device plate; and

Cancld H2

a voltage applier disposed outside of the housing, and arranged for applying (1) a scan signal to the row wires, (2) a modulation signal to the column wires, and (3) an acceleration voltage to the acceleration electrode to accelerate electrons emitted from the electron-emitting devices toward the fluorescent layer of said fluorescent device plate.

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74. (Amended) The display apparatus of Claim 73, further comprising an electrode disposed between said fluorescent device plate and the electron-emitting devices.

75. (Amended) The display apparatus of Claim 74, wherein the electrode has holes for transmitting the electrons emitted from the electron-emitting devices.

76. (Amended) The display apparatus of Claim 74, wherein a voltage is applied to the electrode.

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78. (Amended) The display apparatus of Claim 73, wherein at least one of the electron-emitting devices comprises a non-homogeneous layer.

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79. (Amended) The display apparatus of Claim 73, wherein at least one of the electron-emitting devices comprises an electrical discontinuity.

Cancld F2

80. (Amended) The display apparatus of Claim 73, wherein at least one of the electron-emitting devices comprises carbon.

81. (Amended) The display apparatus of Claim 73, wherein at least one of the electron-emitting devices comprises a first electrode arranged on the substrate, an insulating member arranged on the substrate so that an end of the insulating member forms a side wall on the substrate, and a second electrode arranged on the insulating member.

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--85. (New) A display apparatus comprising:

an electron source plate, having a substrate and a plurality of electron-emitting devices arranged in a matrix of rows and columns on the substrate, said electron source plate also comprising a matrix configuration of row wires and column wires respectively corresponding to the rows and columns of the electron-emitting devices arranged in the matrix;

a fluorescent device plate comprising a laminated layer having a fluorescent layer and an acceleration electrode;

a housing having a structure adapted for maintaining a vacuumized condition in a space between said electron source plate and said fluorescent device plate, at

least a portion of said structure being formed by said electron source plate and said fluorescent device plate; and

leads extending from inside of said housing to outside of said housing, and arranged for applying (1) a scan signal to the row wires, (2) a modulation signal to the column wires, and (3) an acceleration voltage to the acceleration electrode to accelerate electrons emitted from the electron-emitting devices toward the fluorescent layer of said fluorescent device plate.

86. (New) The display apparatus of Claim 85, wherein the modulation signal is an information signal.

87. (New) The display apparatus of Claim 85, wherein the modulation signal is applied simultaneously to scanned ones of the electron-emitting devices in synchronization with the scan signal.

88. (New) The display apparatus of Claim 85, wherein said fluorescent device plate comprises red, green, and blue fluorescent members.

89. (New) The display apparatus of Claim 85, further comprising an electrode disposed between said fluorescent device plate and the electron-emitting devices.

90. (New) The display apparatus of Claim 89, wherein the electrode has holes for transmitting the electrons emitted from the electron-emitting devices.

91. (New) The display apparatus of Claim 89, wherein a voltage is applied to the electrode.

Cont F3

92. (New) The display apparatus of Claim 90, wherein each of the holes is arranged to correspond with each electron-emitting device.

93. (New) The display apparatus of Claim 85, wherein at least one of the electron-emitting devices comprises a non-homogeneous layer.

94. (New) The display apparatus of Claim 85, wherein at least one of the electron-emitting devices comprises an electrical discontinuity.

95. (New) The display apparatus of Claim 85, wherein at least one of the electron-emitting devices comprises carbon.

96. (New) The display apparatus of Claim 85, wherein at least one of the electron-emitting devices comprises a first electrode arranged on the substrate, an insulating member arranged on the substrate so that an end of the insulating member forms a side wall on the substrate, and a second electrode arranged on the insulating member.

97. (New) The display apparatus of Claim 96, wherein an electron-emitting portion is formed at a region of the side wall.

98. (New) The display apparatus of Claim 96, wherein an electron-emitting portion is formed at a region of the first electrode.

Concld F3

99. (New) The display apparatus of Claim 96, wherein at least one of the electron-emitting devices comprises carbon.

100. (New) The display apparatus of Claim 69, wherein the modulation signal is an information signal.

101. (New) The display apparatus of Claim 69, wherein the modulation signal is applied simultaneously to scanned ones of the electron-emitting devices in synchronization with the scan signal.

102. (New) The display apparatus of Claim 69, wherein said fluorescent device plate comprises red, green, and blue fluorescent members.

103. (New) The display apparatus of Claim 69, wherein said fluorescent device plate comprises a laminated layer having the fluorescent layer and the acceleration electrode.--